

Standard Range

NEW
DUPLEX 2205
Stainless Steel
cylinder



ECOHEAT

ECOHEAT is a renewable and efficient solution for domestic hot water production

These models are optimized to heat water up to 60 degrees only with heat pump operation, which translates to higher useful volume of accumulated hot water.

Furthermore, the system incorporates an advanced controller with multiple functions allowing adaptation to any user consumption habit to maximise their savings.



Reduces energy use by up to 60%.



Smart controller design with 3 operating modes. Touch panel.



Possibility of dehumidifying and refreshing ambient air.



Extracts heat from sun, rain and air.



Aluminium condenser fitted around the tank.



Automatic anti-legionella function.



DHW up to 60°C with heat pump operation.



High quality cylinder made of **SS DUPLEX**



Compliant with Eco-design and Eco-labelling.

Technical data

Cylinder	EH085	EH115	EH160	EH200	EH260	EH500
Capacity, L	85	115	160	200	260	500
Maximum operating pressure, bar	6					
Heat pump data						
Energy Efficiency Class	A					
Load profile	M	L		XL	XXL	
Heating capacity (1), W	1841			3680		1050
Input power (1), W	496			890		2000
COP (1)	3,7			2,65		3,5
Heating capacity (2), W	1127			2360		890
Input power (2), W	407			890		2000
COP (2)	2,82			2,65		2,65
Minimum ambient temperature, °C	5					
Maximum water temp. HP, °C	60					
Maximum temp. electrical heater, °C	62					
Refrigerant	R134a					
Electric data						
Power supply, V/ph/Hz	230 / 1 / 50					
Electric heater power, W	1500			2100		3100
Maximum absorbed power, W	1900	2100			3100	
Connections						
Water inlet/outlet, inch	3/4					1
Intake/Exhaust connection, mm	160					

According to EN16147 (1) Air temp. 20°C / Water temp. 10-55°C

(2) Air temp. 7°C / Water temp. 10-55°C

Advanced controlled



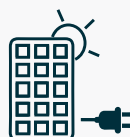
Operating modes

- **Automatic:** DHW production is handled by the HP module and the electric back-up.
- **Eco:** «reduced» programme enabled, DHW production is handled only by the HP module
- **Boost:** A single boost operates the heat pump and the heating element to heat up the water in the shortest time to the setting temperature

Features:

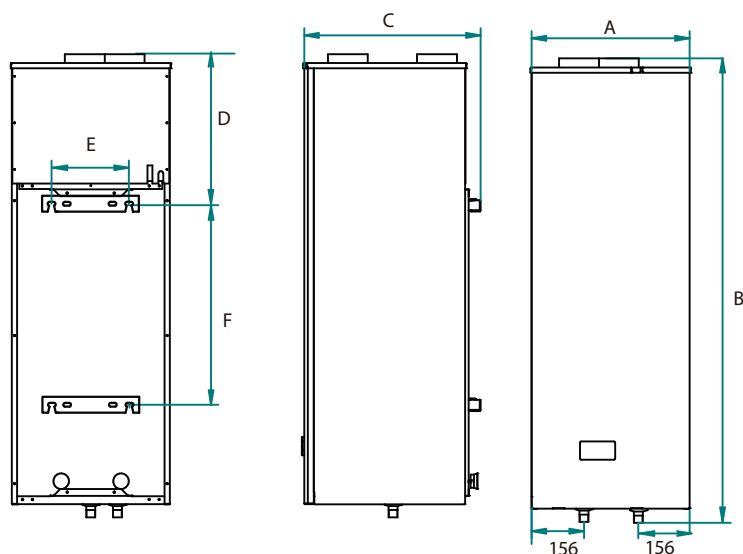
- **Touchscreen**
- **Easy to use and learn**
- **Automatic Antilegionella disinfection:** Automatically the system carries out a thermal shock disinfection avoiding any possibility of bacterial growth.
- Screen lock
- Specific alarms setted to avoid any possible anomalies

Compatible with Photovoltaics

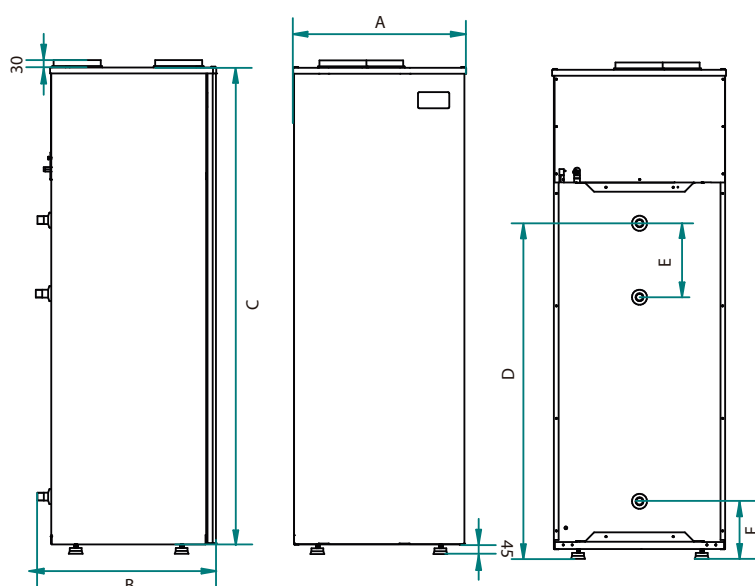


The controller includes a connection port with the inverter module which allows starting up the heat pump when there is an energy excess from the photovoltaic panels.

Wall- Mounted



Floor- Mounted



Dimensions

Dimensions and connections	EH085	EH115	EH160	EH200	EH260	EH500
Configuration	Wall-Hung		Floor			
A, mm	480		585			696
B, mm	530		587			740
C, mm	1162	1390	1297	1527	1945	2066
D, mm	450		852	1102	1427	1455
E, mm	230		122	222		325
F, mm	-		161			245
G, mm	-	600	-			325
Water inlet / outlet, inch	3/4			1		
Air connection, mm	-			160		